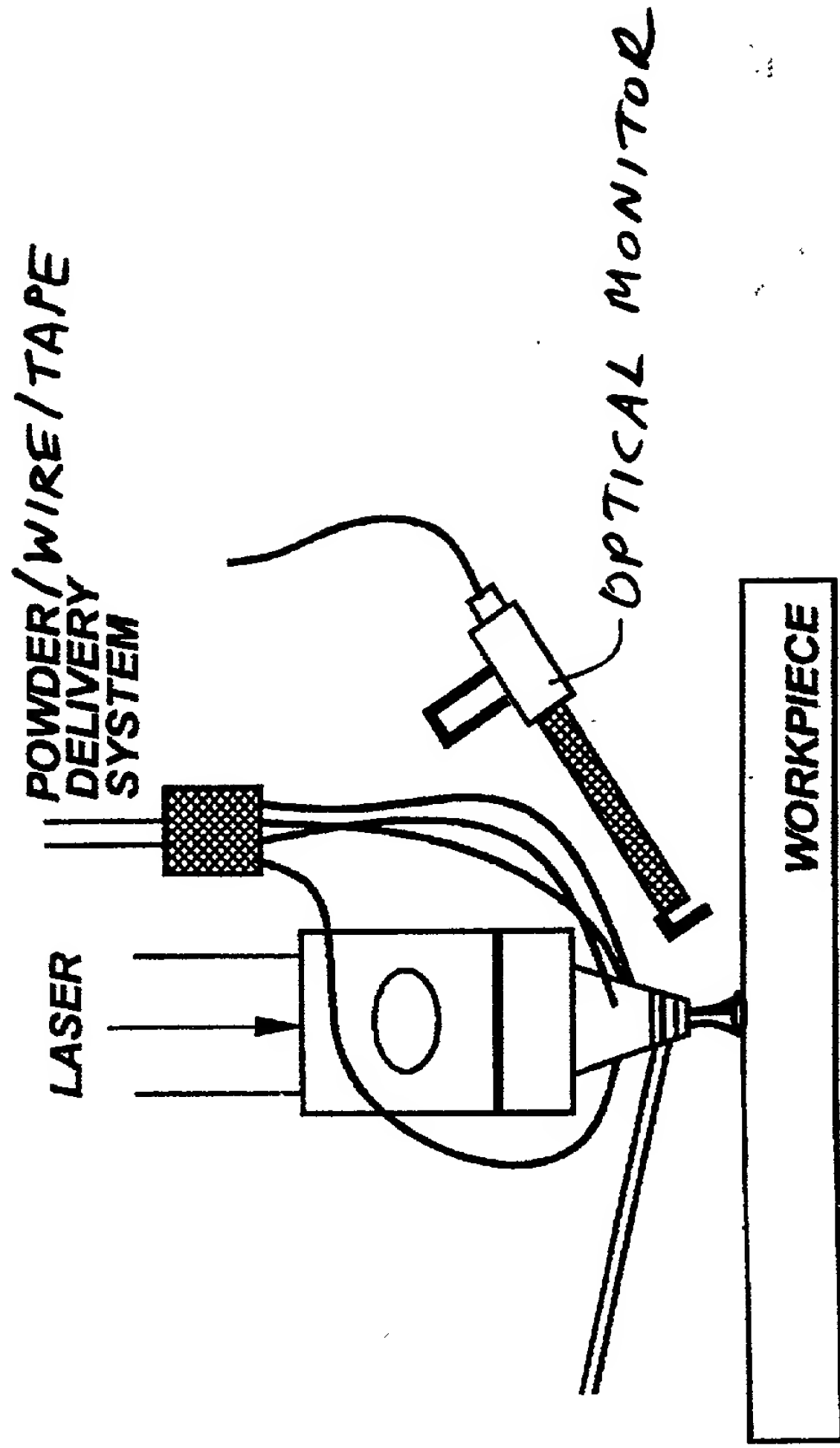


Figure - 1

Figure - 2



95027600



FIGURE 3

09037095-00000

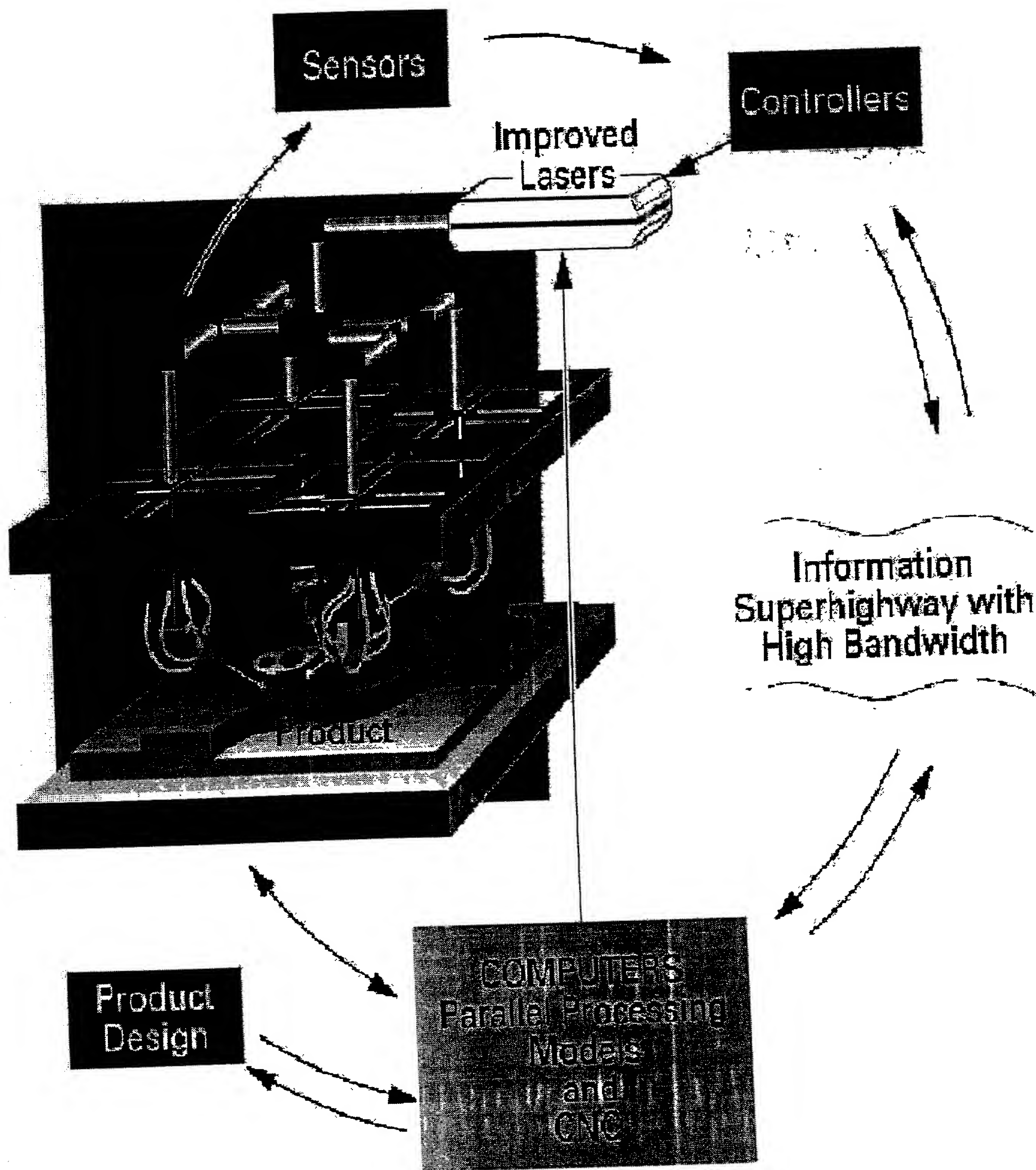


FIGURE 4

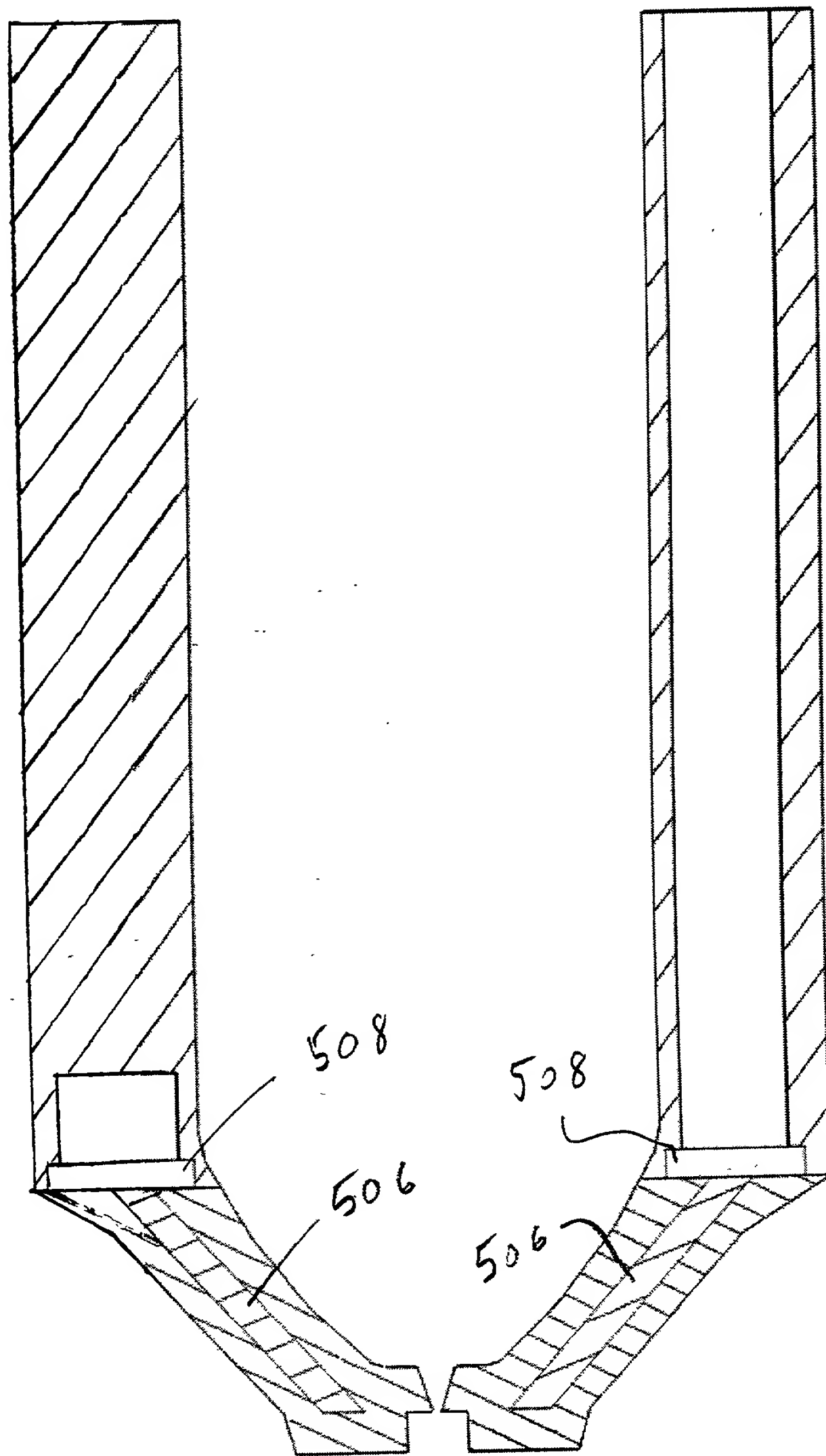


FIGURE 5A

H137

(Cu)

H13

Fig-5A

Fig-5A

FIGURE 5B

Conventional  
Drilled Cooling  
Channels  
(DCC)

FIG. 1

**FIGURE 6A**

**FIGURE 6B**

Conformal  
Cooling  
Channels  
(CCC)

Re-design of actual  
automotive fuse box cover  
to reduce molding cycle  
times using CoolMold  
Technology

**FIGURE 6B**

Re-design of actual  
automotive fuse box cover  
to reduce molding cycle  
times using CoolMold  
Technology

[illegible]



208320-36027660

# Comparative Analysis - Core Heating Time [70 deg.F - 350 deg.F]

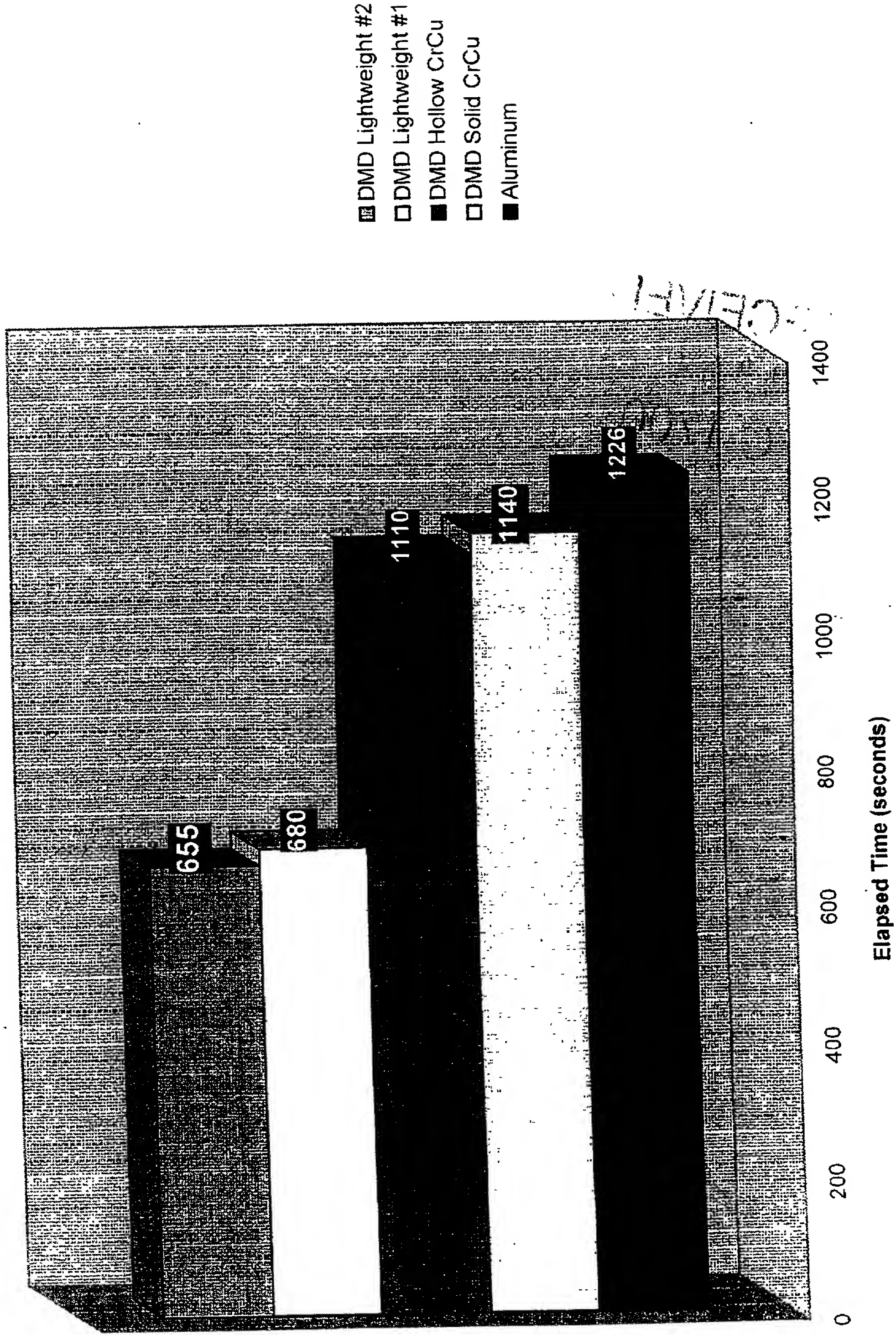


FIGURE 7



308220" 96021560

# Comparative Analysis - Cavity Heating Time [70 deg.F - 350 deg.F]

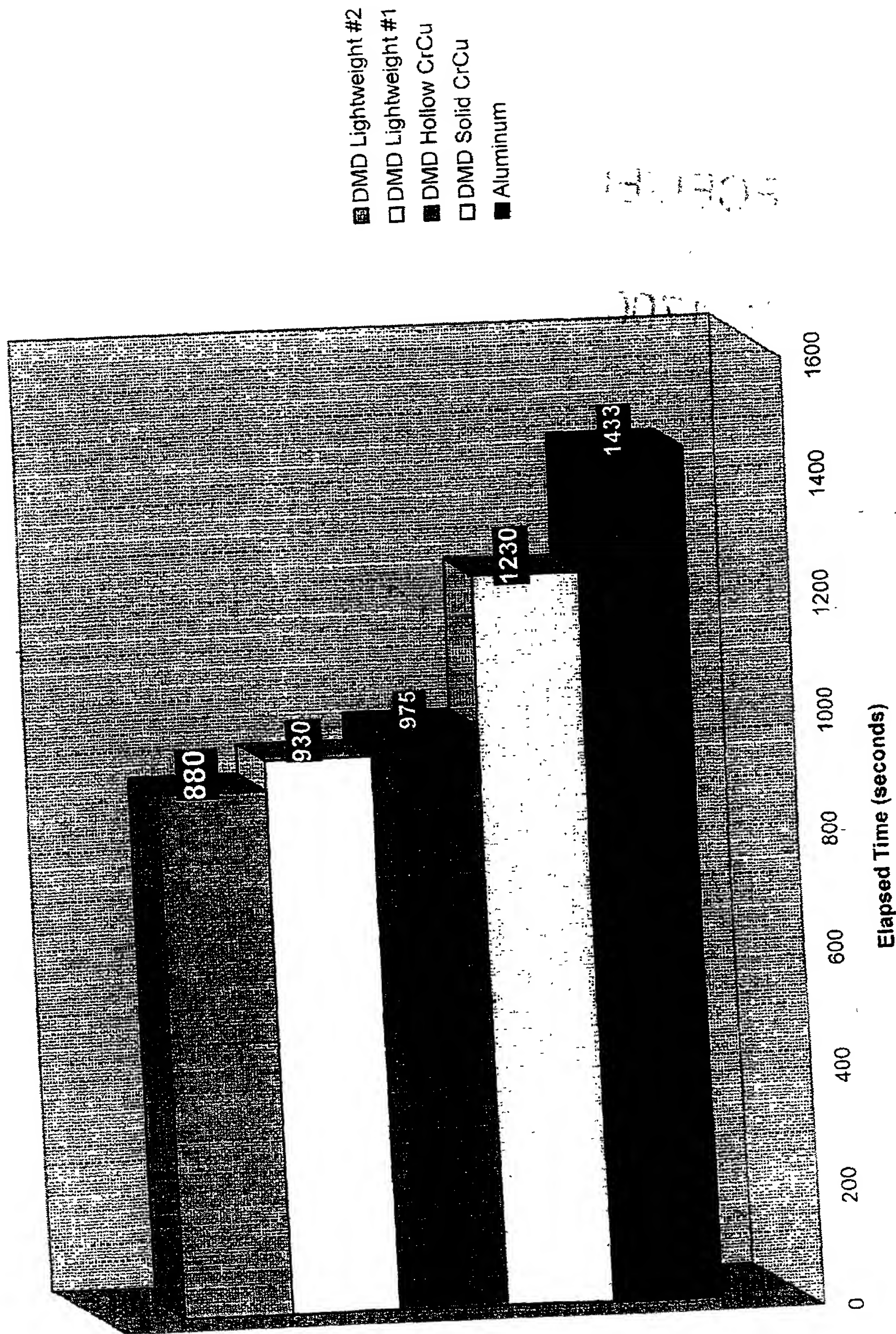


FIGURE 8

209230" 560/F660

TEST 2-1 [DMD Hollow vs. Aluminum]

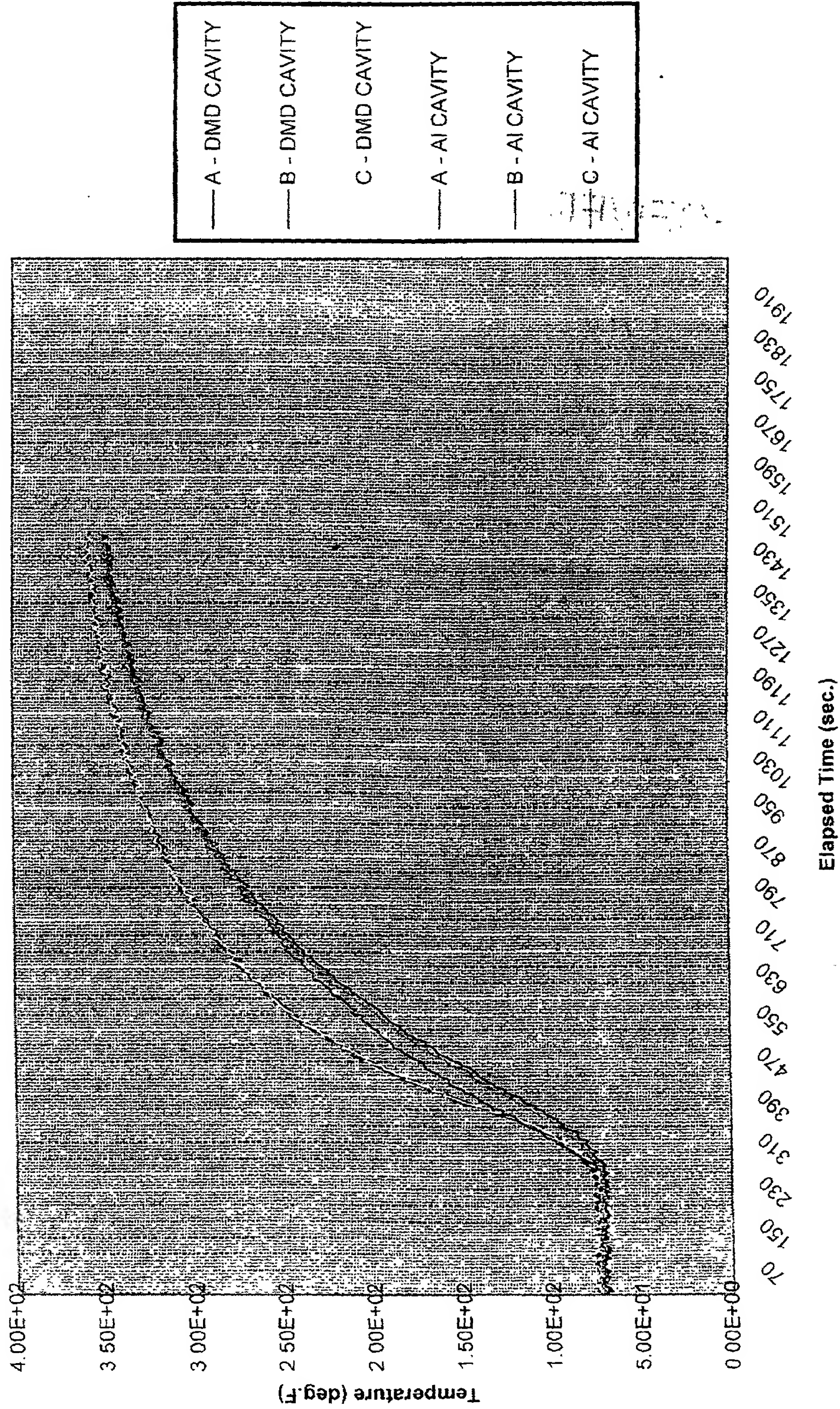


FIGURE 9



200220-9604660

# TEST 2-1 [DMD Hollow vs. Aluminum]

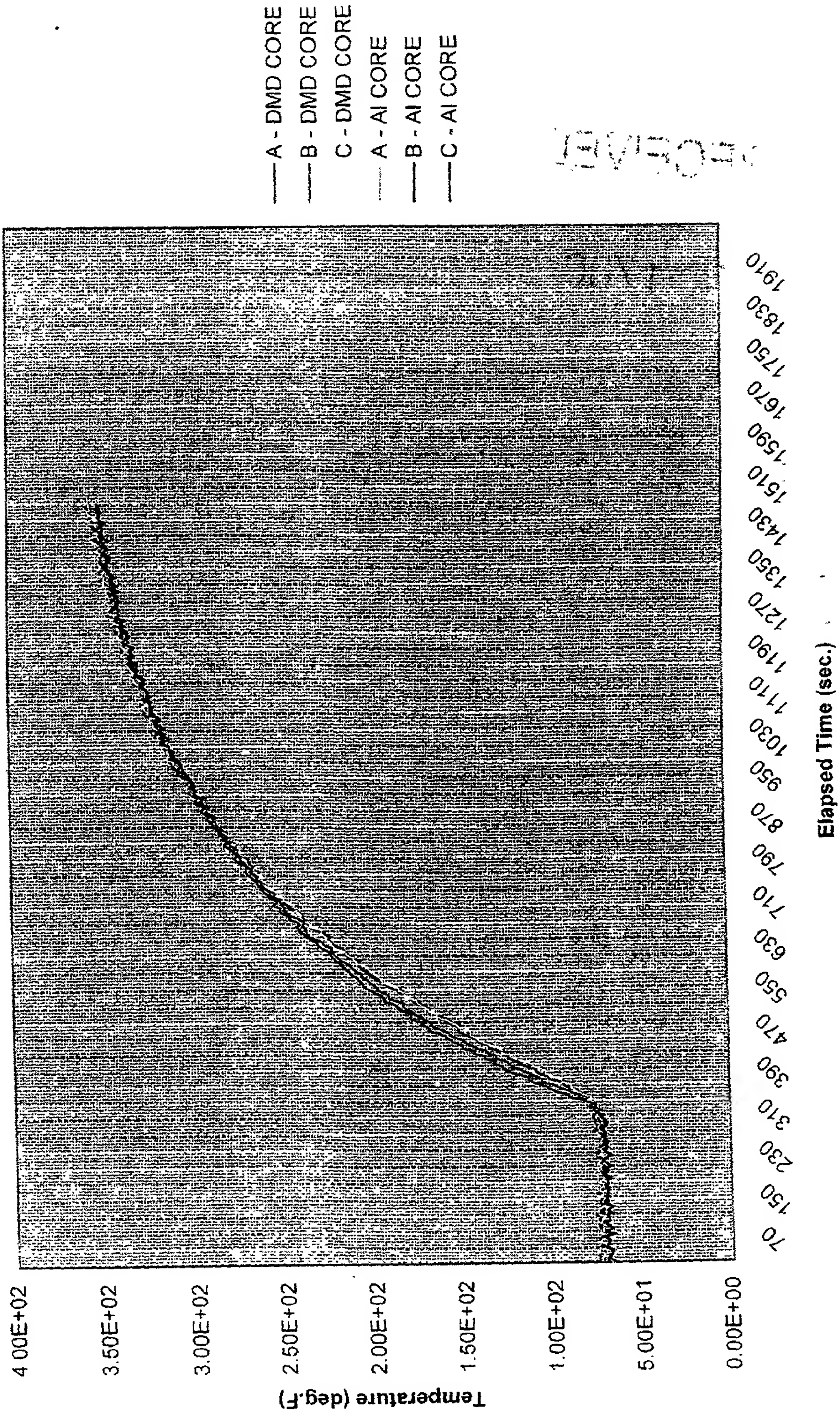


FIGURE 10



208230"9602E660

TEST 3-2 [DMD Light Wt.#1 vs. Aluminum]

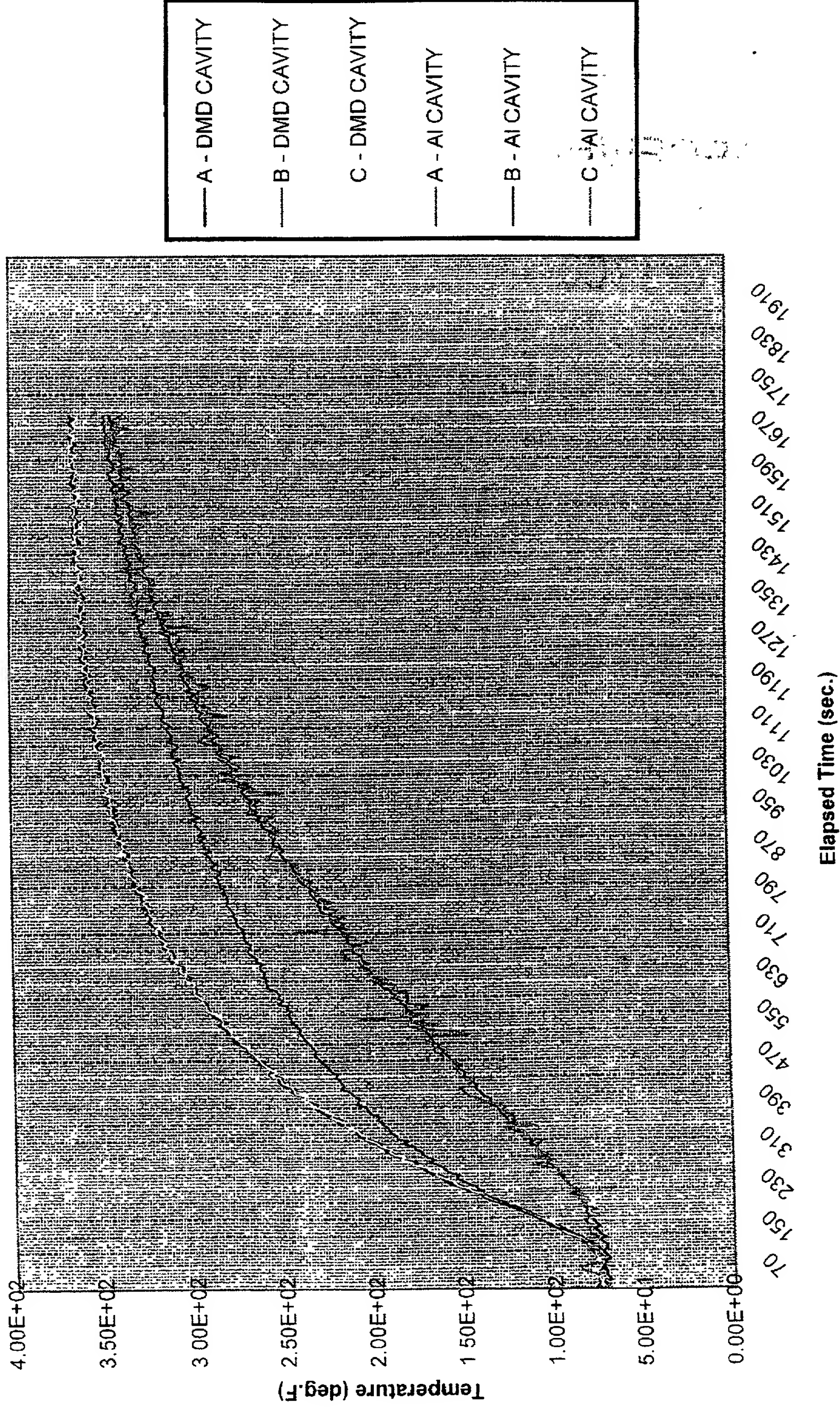


FIGURE 11



208220" 950/1660

# TEST 3-2 [DMD Light Wt.#1 vs. Aluminum]

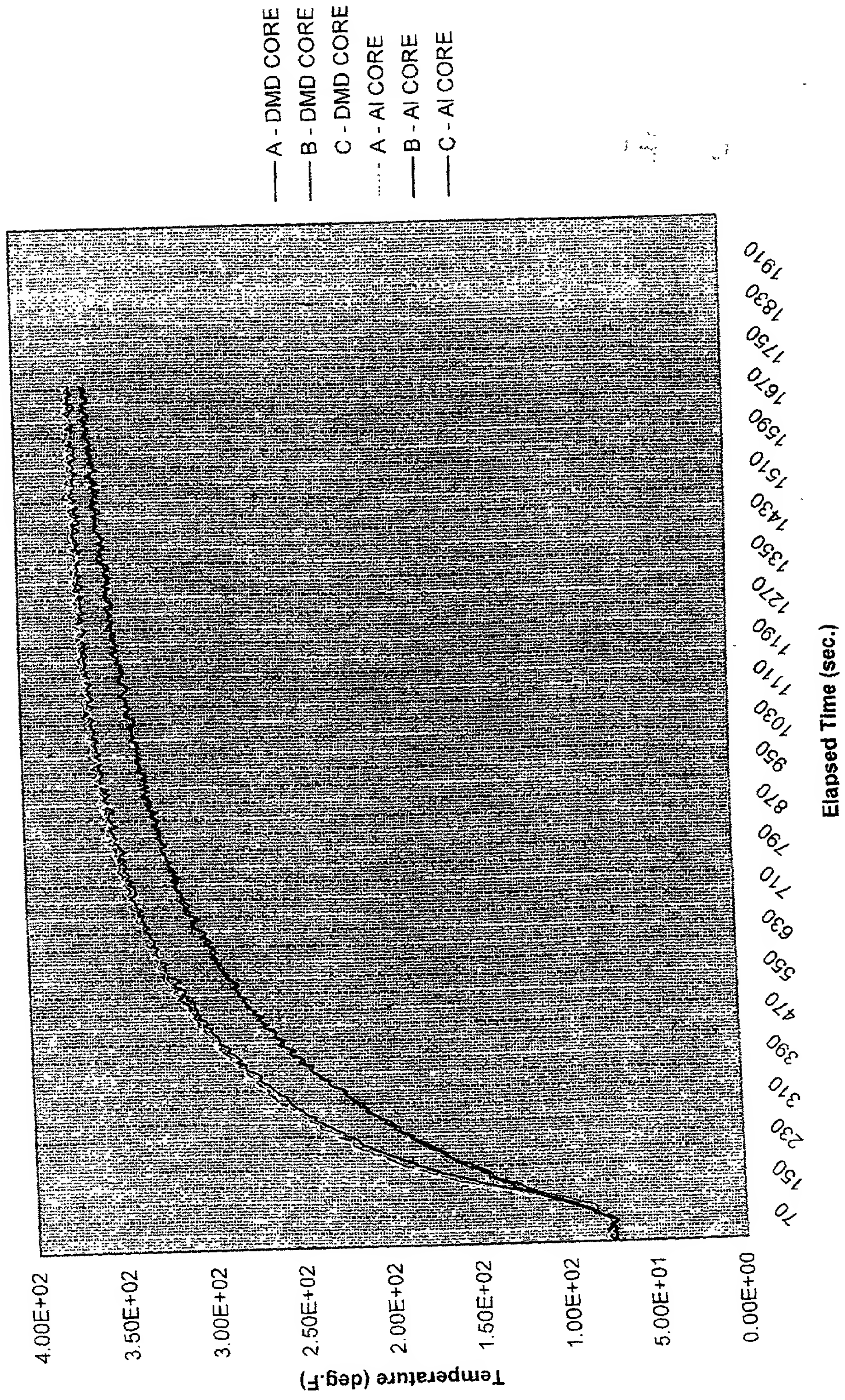


FIGURE 12



203230" 950/1660

# TEST 4-2 [DMD Light Wt.#2 vs. Aluminum]

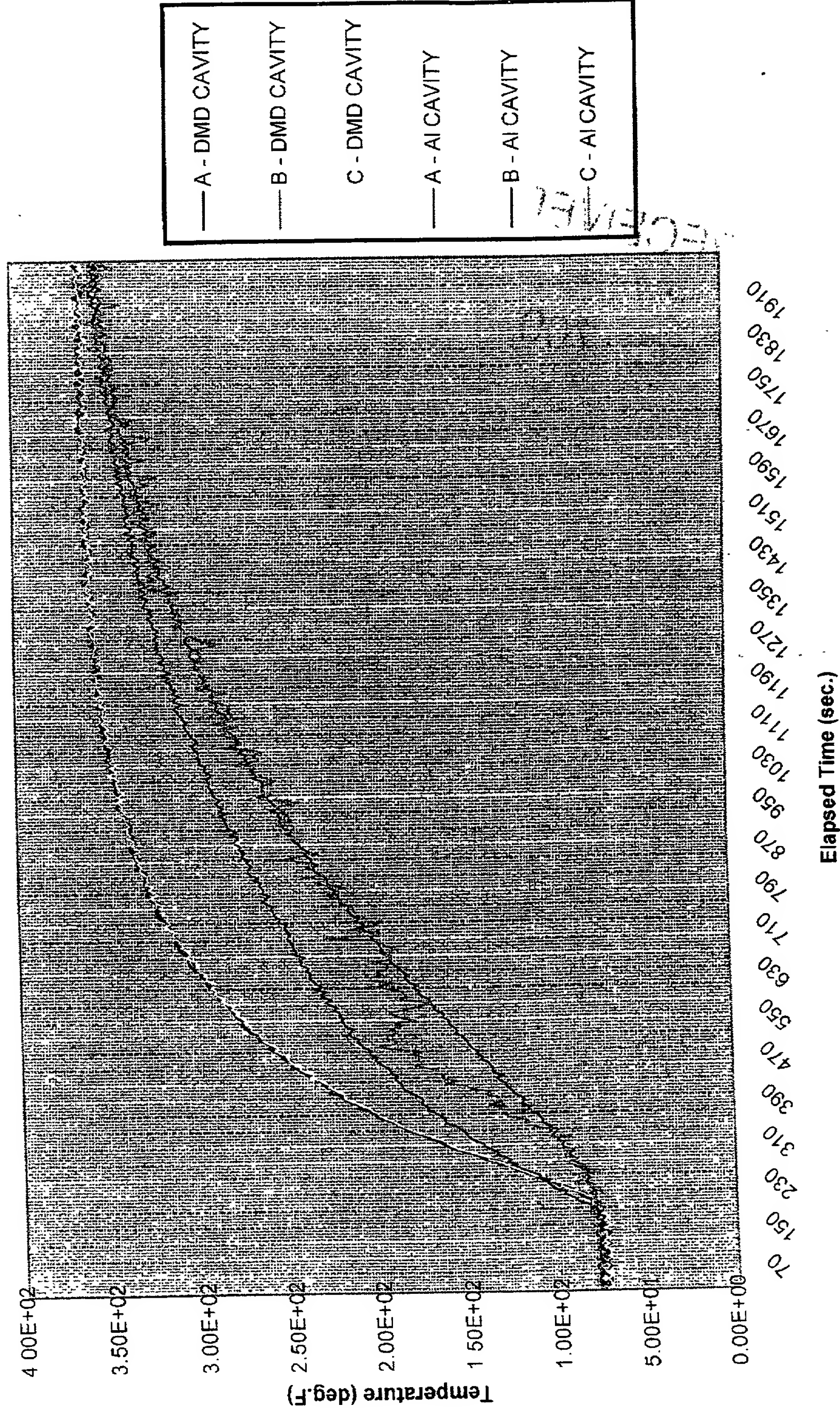


FIGURE 13



20220-9604660

TEST 4-2 [DMD Light Wt.#2 vs. Aluminum]

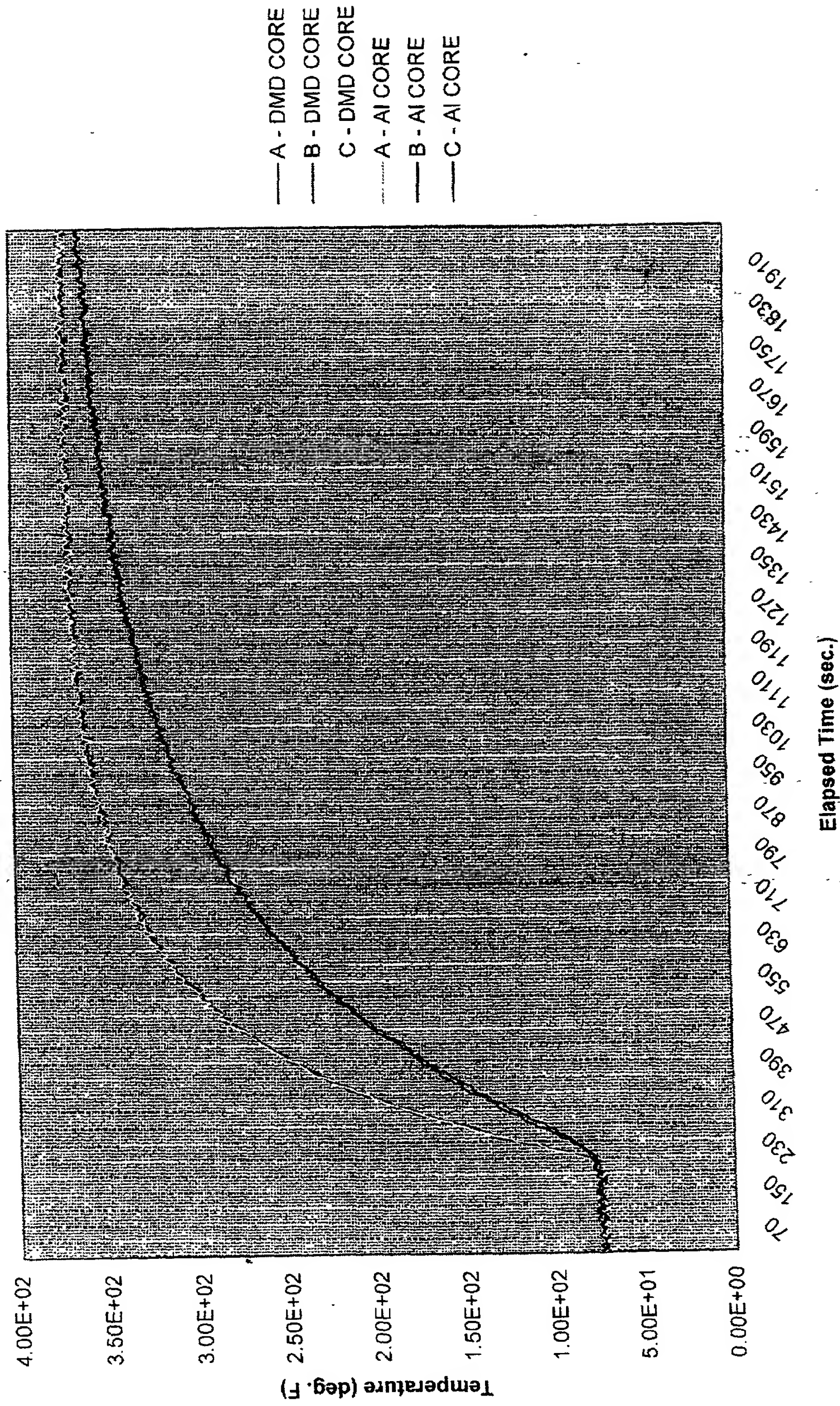


FIGURE 14